



COMPUTER ENGINEERING
(Previously – Computer Systems Technology)

MINIMUM EQUIPMENT LIST

INSTRUCTIONAL EQUIPMENT AND SOFTWARE

Item Name	Count 15 Students	Count 20 Students	Count 25 Students	Description/Specification
Television/VCR/DVD	1	1	1	25"
Overhead Projector with screen	1	1	1	
A/V Cart/Media Storage Center	1	1	1	
LCD	1	1	1	
Cabinet, Storage	2	2	2	Locking, 36" W X 24" D X 72" H
Cable Tester	1	1	1	Network circuit tester, data and voice communications test capability
Camcorder Tripod	1	1	1	2'-5' collapsing, w/extension legs
Computer File Server	1	1	1	Refer to current Technical and Professional Education Technology Standards
Computer JAZ Drive	1	1	1	1GB capacity JAZ disks
Computer Modem	1	1	1	Refer to current Technical and Professional Education Technology Standards
Computer Network Hub	1	1	1	24 ports
Computer Network Hub	1	1	1	12 ports
Computer Printer	1	2	2	Laser, Refer to current Technical and Professional Education Technology Standards
Computer Printer	2	2	2	Ink jet, Refer to current Technical and Professional Education Technology Standards
Computer Repair Trainer	6	8	12	Microcomputer/PC trainer, compliant with A+ certification standards
Computer Scanner	1	1	1	Refer to current Technical and Professional Education Technology Standards
Computer Tape Backup Drive	1	1	1	External, Windows 95/98 compliant, 4.0GB min.
Computer ZIP Drive	1	1	1	100MB Capacity ZIP disks
Computer System	6	6	6	Refer to current Technical and Professional Education Technology Standards
Computer System, Teacher's	1	1	1	Refer to current Technical and Professional Education Technology Standards
Computer, Lap Top	1	1	1	Refer to current Technical and Professional Education Technology Standards

Item Name	Count 15 Students	Count 20 Students	Count 25 Students	Description/Specification
Ladder	2	2	2	Step ladder, 10', fiberglass, non-conductive, Type 1A, 300 lb workload
Ladder	2	2	2	Step ladder, 6', fiberglass, non-conductive, Type 1A, 300 lb workload
Network Diagnostic Software	1	1	1	Capable of monitoring, analysis, and diagnosis of network problems, Windows 95/98/2000 compliant
Network Management Software	1	1	1	For networking and managing classroom computer systems, Windows 95/98/2000 compliant
PC Camera	2	2	2	Color, digital, 640 x 480 still picture resolution, 24 frames/sec @ 160 x 120 resolution, including any required software
Tool Kit, Technician's	10	15	15	Comprehensive computer service hand tool kit
Tool Kit, Wiring	1	1	1	For coax cable, cable tester, center conductor trimmer, crimp frame, die sets, punch tools, stripper
Tool Kit, Wiring	1	1	1	For Category 5 cable, cable tester, crimp tool, round wire cutter/stripper
Uninterruptible Power Source (UPS)	1	1	1	Including software, Windows 95/98/2000 compliant, automatic voltage regulation, surge and noise suppression
VGA to TV converter	1	1	1	Windows 95/98/2000 compliant, 1280 x 1024 resolution
Video Camcorder	1	1	1	1/2" VHS, portable w/battery pack and carrying case
Volt/Ohm Meter	2	4	6	Digital
Work Tables	10	12	12	30" x 60", with 2 duplex outlets available